

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS**

WV Department of
Environmental Protection

DATE: January 22, 2015

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Huntington Dev & Gas		Operator Well No.: 805553 P&A	
Location:	Elevation: 1100'	Quadrangle:	Branchland
	District: Laurel Hill	County:	Lincoln
	Latitude: 38.1859		
	Longitude: -82.162		
Well Type: OIL _____ GAS X			
Company:	Chesapeake Appalachia, L.L.C. P.O. Box 18496 Oklahoma City, OK 73154	Coal Operator or Owner	Pocahontas Land Corporation 800 Princeton Avenue Bluefield, WV 24701
Agent:	Jessica Greathouse	Coal Operator or Owner	_____ _____ _____
Permit Issued Date: December 17, 2014			

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Lincoln

Rodney Greathouse and Robbie Johnson being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 20th day of December, 2014, and the well was plugged and filled in the following manner:

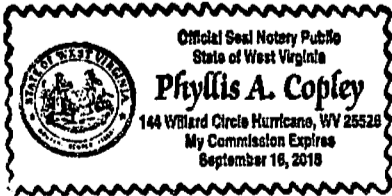
TYPE	FROM	TO	PIPE REMOVED	LEFT
Cavings	3445'	1825'		
Cement	1825'	1820'		
Gel	1820'	1730'		
Cement	1730'	1400'	4 ½" – 1325'	1826'-1325' = 501' left
Gel	1400'	1320'	7" – 785'	Cut holes in 7" at 1299' and 1278'. 1505'-785' = 720' of 7" left in well
Cement	1320'	1220'		
Gel	1220'	800'		
Cement	800'	700'		
Gel	700'	360'		8 ¼" – 293' – cut holes in 8" at 138', 98' and 59'
Cement	360'	260'		
Gel	260'	130'		
Cement	130'	Surface		10 ¾" – 16'

Description of monument: 4 ½" casing with API number, date, well number welded on tag and that the work of plugging and filling said well was completed on the 23rd day of December, 2014.

And further deponents saith not. Rodney Greathouse
Rodney Greathouse
Robbie Johnson
Robbie Johnson

Sworn and subscribe before me this 24th day of February, 2015
My commission expires: September 16, 2018

Phyllis A. Copley
Notary Public



Affidavit reviewed by the Office of Oil and Gas: [Signature]
Title: Inspector OOG

RECEIVED
Office of Oil and Gas
MAILED
WV Department of Environmental Protection

DATE: January 22, 2015

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Huntington Dev & Gas

Operator Well No.: 805554 P&A

Location: Elevation: 785'
District: Laurel Hill
Latitude: 38.1816
Longitude: -82.1478

Quadrangle: Branchland
County: Lincoln

Well Type: OIL _____ GAS X

Company: Chesapeake Appalachia, L.L.C.
P.O. Box 18496
Oklahoma City, OK 73154

Coal Operator or Owner Pocahontas Land Corporation
800 Princeton Avenue
Bluefield, WV 24701

Agent: Jessica Greathouse

Coal Operator
or Owner

Permit Issued Date: December 22, 2014

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Lincoln

Rodney Greathouse and Robbie Johnson being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 20th day of December, 2014, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cavings	3246'	1838'	560' of 7"	560'-1271' = 711' left in well
Gel	1838'	1800'		
Cement	1800'	1700'		
Gel	1700'	1500'		
Cement	1500'	1400'		
Gel	1400'	1320'		
Cement	1320	1220'		
Gel	1220'	575'		
Cement	575'	425' (TOC 350')		
Cement	350'	275'		
Gel	275'	200'	312' of 8 1/2"	None
Cement	200'	Surface		10" - 39'

Description of monument: 7" casing with API number, date, well number welded on tag and that the work of plugging and filling said well was completed on the 23rd day of December, 2014.

And further deponents saith not.

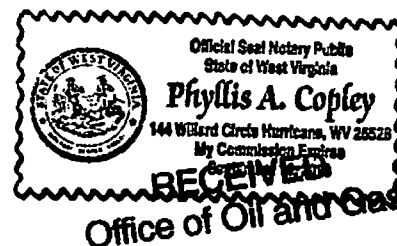
Rodney Greathouse
Rodney Greathouse

Robbie Johnson
Robbie Johnson

Sworn and subscribe before me this 24th day of February, 2015

My commission expires: September 16, 2018

Phyllis A. Copley
Notary Public



Affidavit reviewed by the Office of Oil and Gas:

Title: Inspector OOG

MAR 2 2015

WV Department of
Environmental Protection

DATE: January 22, 2015

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Central Trust Co Mng 27 Operator Well No.: 806986 P&A

Location: Elevation: 1349' Quadrangle: Wilsondale
 District: Kermit-Mingo County: Mingo
 Latitude: 37.885
 Longitude: -82.291

Well Type: OIL _____ GAS X

Company: Chesapeake Appalachia, L.L.C. Coal Operator Consol of Kentucky
 P.O. Box 18496 or Owner P.O. Box 76
 Oklahoma City, OK 73154 Naugatuck, WV 25685

 Coal Operator Costerman Estate
Agent: Jessica Greathouse or Owner C/O First Century Bank
 P.O. Box 1559
 Bluefield, WV 24701

Permit Issued Date: October 8, 2014

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Lincoln

Rodney Greathouse and Robbie Johnson being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 12th day of November, 2014, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cavings	3516'	2245'		
Gel	2245'	2209'		
Cement	2209'	2059'		
Gel	2059'	1860'		
Cement	1860'	1660'	1173' of 7"	1173'-1717' = 544'
Gel	1660'	1173'		
Cement	1173'	1023'		
Gel	1023'	619'		
Cement	619'	500'		
Gel	500'	420'		382' of 10"
Cement	420'	320'		
Gel	320'	228'		
Cement	228'	Surface		

Description of monument: 7" casing with API number, date, well number welded on tag and that the work of plugging and filling said well was completed on the 20th day of November, 2014.

And further deponents saith not.

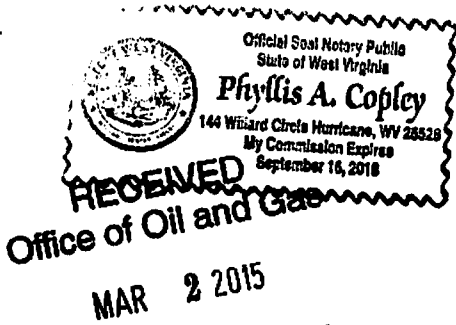
Rodney Greathouse
Rodney Greathouse

Robbie Johnson
Robbie Johnson

Sworn and subscribe before me this 24th day of February, 2015

My commission expires: September 16, 2018

Phyllis A. Copley
Notary Public



Affidavit reviewed by the Office of Oil and Gas: [Signature]
Title: inspector OOG

WV Department of
Environmental Protection

DATE: January 22, 2015.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Cotiga Dev Co 35

Operator Well No.: 808015 P&A

Location: Elevation: 1282'
District: Kermit
Latitude: 38.874
Longitude: -82.2448

Quadrangle: Myrtle
County: Mingo

Well Type: OIL _____ GAS X

Company: Chesapeake Appalachia, L.L.C.
P.O. Box 18496
Oklahoma City, OK 73154

Coal Operator or Owner Consol of Kentucky
P.O. Box 76
Naugatuck, WV 25685

Agent: Jessica Greathouse

Coal Operator or Owner Cotiga Development Company
P.O. Box 1956
Williamson, WV 25661

Permit Issued Date: April 3, 2014

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Lincoln

Rodney Greathouse and Robbie Johnson being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 1st day of December, 2014, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cavings	3646'	2442'	118' of 7"	7" - 1822' to 118'
Cement	2442'	2059'		Perforated 7" at 800', 700',
Gel	2059'	1400'		330', 280', and 170'
Cement	1400'	1000'		
Gel	1000'	850'		8 5/8" - 357' - ripped holes
Cement	850'	450'		at 102', 70' and 40'
Gel	450'	350'		
Cement	350'	180'		
Cement	170'	Surface		

Description of monument: 7" casing with API number, date, well number welded on tag and that the work of plugging and filling said well was completed on the 16th day of December, 2014.

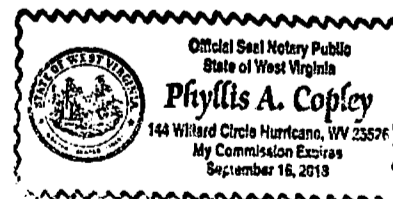
And further deponents saith not.

Rodney Greathouse
Rodney Greathouse
Robbie Johnson
Robbie Johnson

Sworn and subscribe before me this 24th day of February, 2015

My commission expires: September 16, 2018

Phyllis A. Copley
Notary Public



Affidavit reviewed by the Office of Oil and Gas:

Inspector OOG
Title: Inspector OOG

RECEIVED
Office of Oil and Gas

MAR 2 2015

Department of
Environmental Protection

DATE: January 22, 2015

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Minto O&G Co 8 Operator Well No.: 824007 P&A

Location: Elevation: 1100' Quadrangle: Myrtle
District: Hardee County: Mingo
Latitude: 37.78058
Longitude: -82.20872

Well Type: OIL _____ GAS X

Company: Chesapeake Appalachia, L.L.C. Coal Operator Delbarton Mining Co.
P.O. Box 18496 or Owner P.O. Box 714
Oklahoma City, OK 73154 Matewan, WV 25678

Agent: Jessica Greathouse Coal Operator Laurel Run Mining Co
or Owner 1000 Consol Energy Drive
Canonsburg, PA 15317

Permit Issued Date: July 1, 2014

AFFIDAVIT

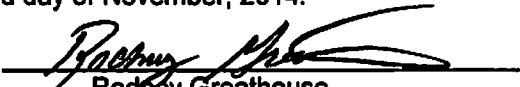

STATE OF WEST VIRGINIA,
County of Lincoln

Rodney Greathouse and Robbie Johnson being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 4th day of November, 2014, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	4147	4075'		
Cavings	4075'	3796'		
Gel	3796'	3700'		
Cement	3700'	3500'		
Gel	3500'	3000'		
Cement	3000'	2850'	4 1/2" cut at 2615'	4 1/2" - 2615'-4121' = 1506'
Gel	2850'	2615'		2150' of 7"
Cement	2615'	2515'		542' of 9 5/8"
Gel	2515'	2190'		40' of 13 3/8"
Cement	2190'	2090'		
Gel	2090'	1875'		
Cement	1875'	1775'		
Gel	1775'	1050'		
Cement	1050'	950'		
Gel	950'	450'		
Cement	450'	350'		
Gel	350'	275'		
Cement	275'	Surface		

Description of monument: 7" casing with API number, date, well number and that the work of plugging and filling said well was completed on the 22nd day of November, 2014.

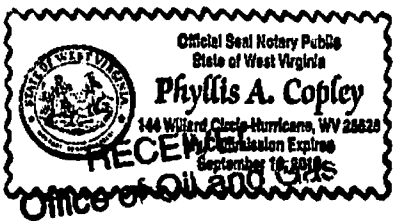
And further deponents saith not.


Rodney Greathouse

Robbie Johnson

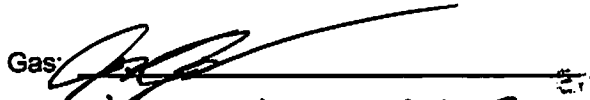
Sworn and subscribe before me this 24th day of February, 2015

My commission expires: September 16, 2018


Notary Public



Affidavit reviewed by the Office of Oil and Gas:


Title: inspector OOG

WV Department of
Environmental Protection

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Southern Land Company Operator Well No.: SD-5

LOCATION: Elevation: 2,291.18 Quadrangle: Eccles
District: Clear Fork County: Raleigh
Latitude: 4852 Feet South of 37 Deg. 50 Min. 00 Sec.
Longitude: 9204 Feet West of 81 Deg. 15 Min. 00 Sec.

Well Type: OIL _____ GAS x

Company ARP Mountaineer Production, LLC
Park Place Corporate Center One
1000 Commerce Drive 4th Floor, Pittsburg, PA 15275

Coal Operator Black King Mine Development
or Owner P.O. Box 271 Running Right Way
Julian WV 25529

Agent Gary Kennedy
Permit Issued Date 12-2-14

Coal Operator Southern Land Company, L.P
or Owner 300 Capitol Street Suite 1401
Charleston, WV 25301

Received
Office of Oil & Gas
MAR 04 2015

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Raleigh ss:

Jeff Cooper and Roger Laxton being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 5th day of February, 2015, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
50/50 Poz 10% Salt, 2% Bentonite	1291'	Surface	0	13-3/8" - 19'
			0	8.625" - 316'
			0	4.5" - 1291'
			2-3/8" -	1212'

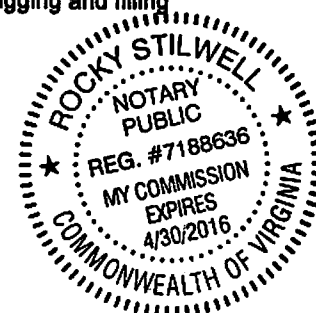
Description of monument: 2-3/8 x 6" Erect Monument with attached API# 47-8101382 and that the work of plugging and filling said well was completed on the 5th day of February, 2015.

And further deponents saith not.

Sworn and subscribe before me this 12th day of February, 2015

My commission expires: 4/30/2016

Rocky Stilwell
Notary Public



Affidavit reviewed by the Office of Oil and Gas: Gary Kennedy Title: Inspector

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Crab Orchard Coal & Land Operator Well No.: CO1-5B

LOCATION: Elevation: 2268.98 Quadrangle: Eccles
District: Trap Hill County: Raleigh
Latitude: 7534 Feet South of 37 Deg. 47 Min. 30 Sec.
Longitude: 2185 Feet West of 81 Deg. 15 Min. 00 Sec.

Well Type: OIL _____ GAS X

Company ARP Mountaineer Production, LLC Coal Operator ICG Beckley, LLC
Park Place Corporate Center One or Owner PO Box 49
1000 Commerce Drive 4th Floor Pittsburgh, PA 15275 Eccles, WV 25836
Agent Gary Kennedy Coal Operator Crab Orchard Coal & Land Company
Permit Issued Date 01/26/2015 or Owner PO Box 443
Charleston, WV 25322

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Raleigh ss:

Jeff Cooper and Roger Laxton being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the January day of 30th, 2015, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Bentonite/Infusion				
		<u>See Attachment #1</u>		

Description of monument: Partial plugging as per MSHA approved consolidated ventilation base plan. and that the monument was completed on the 30th day of January, 2015.

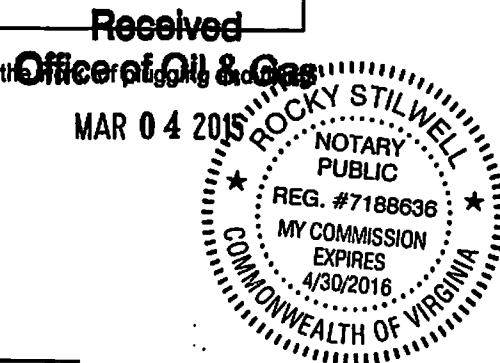
And further deponents saith not.

Sworn and subscribe before me this 10th day of February, 202015

My commission expires: 4/30/2016

Rocky Stilwell
Notary Public

Affidavit reviewed by the Office of Oil and Gas: Jeff Kennedy Title: Inspector



81-01423P

Attachment 1

CO 1-5B Actual Plugging Procedure

Rods, tubing and pump were pulled from the hole. The tubing was tallied and run back into the hole to a depth of 889 ft GL, 10 feet above the coal seam.

The original planned jobs volumes for this bentonite treatment were:

545 barrels of fresh water

652 barrels of 2 – 6% bentonite

472 barrels of fresh water

In order to maintain access to the laterals, the vertical portion of the CO 1-5A was not cemented at the time the laterals were treated with bentonite through the CO 1-5B well. Additional volume was added to account for the vertical section of the CO 1-5A. The new volumes which were pumped were:

595 barrels of fresh water

705 barrels of 3 ½% bentonite

483 barrels of fresh water

The maximum tubing pressure was 172 psi with no pressure seen on the annulus.

Rates and pressures were continuously monitored.

Bentonite samples were taken every 15 minutes during pumping.

The fresh water source was analyzed prior to the job.

The CO-15B and CO 1-5A will be left to vent until mining has been complete and then the vertical sections of both wells will be cemented.

Received
Office of Oil & Gas
MAR 04 2015

[Handwritten signature]